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NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	STN Patent Forums to be held in June 2005
NEWS	20	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	21	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	22	JUN 13	FRFULL enhanced with patent drawing images
NEWS EXPRESS			JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
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* * * * * STN Columbus * * * * *

L2 ANSWER 1 OF 5 USPATFULL on STN
ACCESSION NUMBER: 2005:111141 USPATFULL
TITLE: Compositions for promoting vaginal cell proliferation
and maturation

INVENTOR(S): Yang, Shu-Ping, Alpharetta, GA, UNITED STATES
Huang, Yanbin, Roswell, GA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005095219	A1	20050505
APPLICATION INFO.:	US 2003-696547	A1	20031029 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A., P.O. BOX 2938, MINNEAPOLIS, MN, 55402, US		
NUMBER OF CLAIMS:	47		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Page(s)		
LINE COUNT:	1309		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides hyaluronic acid compounds and derivatives thereof for increasing vaginal cell growth, vaginal cell maturation and vaginal moisture, as well as compositions, articles and methods for treating and preventing vaginal conditions characterized by poor vaginal cell growth, low vaginal cell differentiation and low vaginal moisture.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2004:248042 USPATFULL
TITLE: Prevention of urogenital infections
INVENTOR(S): Yang, Shu-Ping, Alpharetta, GA, UNITED STATES
Huang, Yanbin, Roswell, GA, UNITED STATES
Weart, Ilona F., Woodstock, GA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004192642	A1	20040930
APPLICATION INFO.:	US 2003-401522	A1	20030328 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A., P.O. BOX 2938, MINNEAPOLIS, MN, 55402		
NUMBER OF CLAIMS:	52		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Page(s)		
LINE COUNT:	1198		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides hyaluronic acid compounds and derivatives thereof for preventing urogenital infections by a variety of pathogens, as well as compositions, articles and methods for treating and preventing urogenital infections.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2003:219333 USPATFULL
TITLE: Responsive microgel and methods related thereto
INVENTOR(S): Bromberg, Lev E., Swampscott, MA, UNITED STATES
Temchenko, Marina, Swampscott, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003152623	A1	20030814
APPLICATION INFO.:	US 2002-298808	A1	20021118 (10)

NUMBER	DATE
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PRIORITY INFORMATION: US 2002-352200P 20020129 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Mathews, Collins, Shepherd & McKay, P.A., Suite 306,
100 Thanet Circle, Princeton, NJ, 08540
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 16 Drawing Page(s)
LINE COUNT: 3784

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A responsive microgel is provided which responds volumetrically and reversibly to a change in one or more aqueous conditions selected from the group consisting of (temperature, pH, and ionic conditions) comprised of an ionizable network of covalently cross-linked homopolymeric ionizable monomers wherein the ionizable network is covalently attached to an amphiphilic copolymer to form a plurality of `dangling chains` and wherein the `dangling chains` of amphiphilic copolymer form immobile micelle-like aggregates in aqueous solution. A responsive microgel is further provided that comprises at least one therapeutic entity and delivers a substantially linear and sustained release of the therapeutic entity under physiological conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2002:258475 USPATFULL
TITLE: **pH-sensitive mucoadhesive film-forming** gels and wax-film composites suitable for topical and mucosal delivery of molecules

INVENTOR(S): Mumper, Russell, Lexington, KY, UNITED STATES
Jay, Michael, Lexington, KY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002142042	A1	20021003
APPLICATION INFO.:	US 2000-748133	A1	20001227 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MCDERMOTT, WILL & EMERY, 600 13th Street, N.W., Washington, DC, 20005-3096		
NUMBER OF CLAIMS:	62		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	12 Drawing Page(s)		
LINE COUNT:	1857		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **pH-sensitive mucoadhesive film-forming** gels and wax-film composites suitable for topical and mucosal delivery of molecules of interest, namely active pharmaceuticals. The gels comprise a pharmaceutically acceptable **pH-sensitive polymer** that responds to a lowering of pH by precipitating into films when in contact with the skin or mucosal surface. The films also comprise an adhesive **polymer** that allows the film to remain in contact with the tissue for an extended period of time. The wax-film composites comprise a bi-layer film having both the said **pH-sensitive mucoadhesive** layer to promote strong adherence to the skin and mucosal surfaces as well as a specially bonded wax layer intended to extend the adherence of the film to tissues for a prolonged period of time. The invention also relates to the use of said **pH-sensitive film-forming** gels and wax-film composites to deliver molecules of interest, such as small molecules, peptides, proteins, and nucleic acids either locally to act at the site of administration or for the absorption of said molecules of

interest across biological membranes into the systemic circulation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 5 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2002:242827 USPATFULL

TITLE: **pH-sensitive mucoadhesive film-forming** gels and wax-film composites suitable for topical and mucosal delivery of molecules

INVENTOR(S): Mumper, Russell, Lexington, KY, UNITED STATES

Jay, Michael, Lexington, KY, UNITED STATES

PATENT ASSIGNEE(S): UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002132008	A1	20020919
APPLICATION INFO.:	US 2002-72320	A1	20020207 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-748133, filed on 27 Dec 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	David L. Parker, Esq., FULBRIGHT & JAWORSKI L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX, 78701		
NUMBER OF CLAIMS:	62		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	12 Drawing Page(s)		
LINE COUNT:	1846		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **pH-sensitive mucoadhesive film-forming** gels and wax-film composites suitable for topical and mucosal delivery of molecules of interest, namely active pharmaceuticals. The gels comprise a pharmaceutically acceptable **pH-sensitive polymer** that responds to a lowering of pH by precipitating into films when in contact with the skin or mucosal surface. The films also comprise an adhesive **polymer** that allows the film to remain in contact with the tissue for an extended period of time. The wax-film composites comprise a bi-layer film having both the said **pH-sensitive mucoadhesive** layer to promote strong adherence to the skin and mucosal surfaces as well as a specially bonded wax layer intended to extend the adherence of the film to tissues for a prolonged period of time. The invention also relates to the use of said **pH-sensitive film-forming** gels and wax-film composites to deliver molecules of interest, such as small molecules, peptides, proteins, and nucleic acids either locally to act at the site of administration or for the absorption of said molecules of interest across biological membranes into the systemic circulation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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